

Who's Monitoring the Water?

Tracking Water Quality Monitoring in Texas

National Water Quality Monitoring Congress

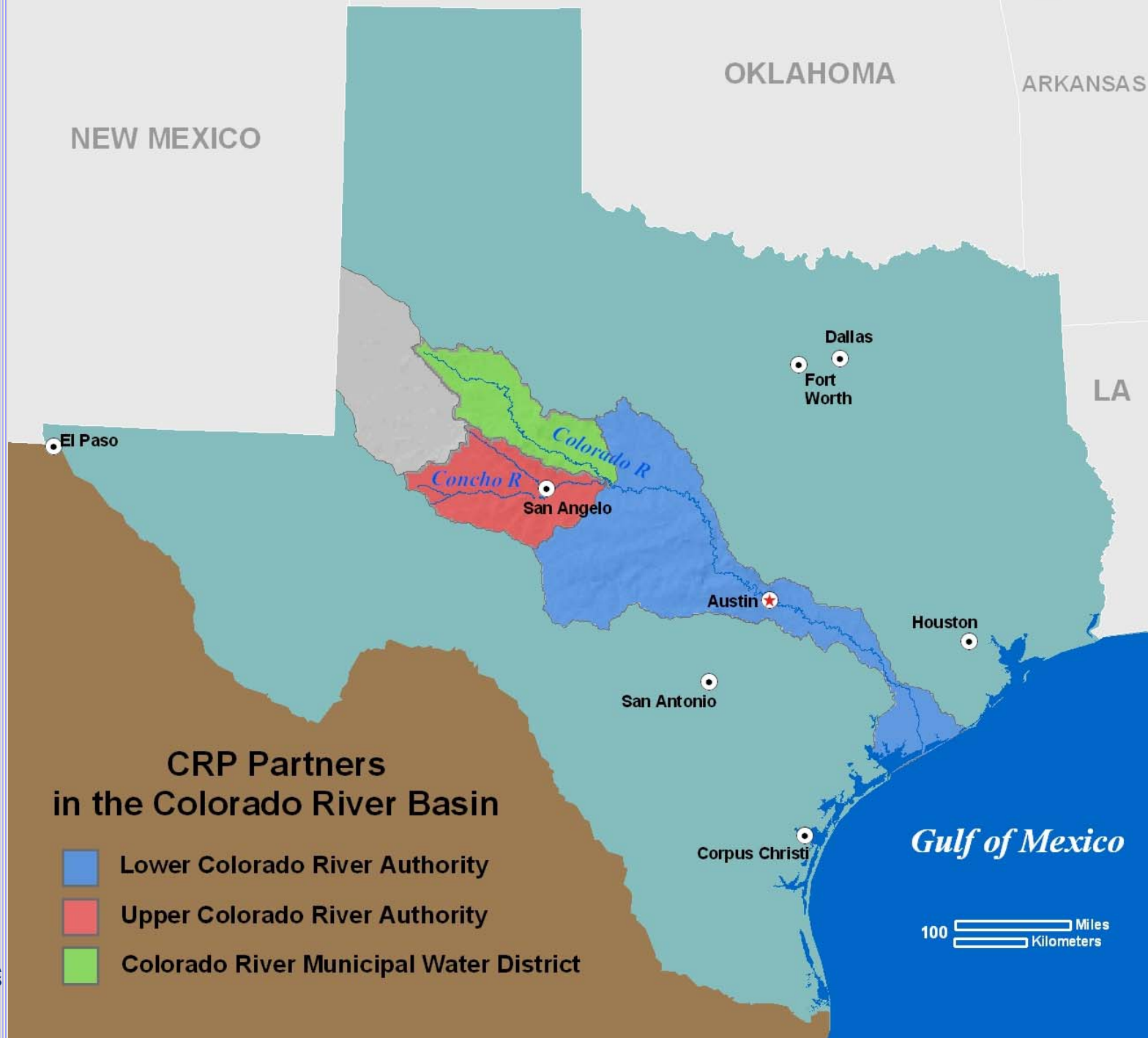
Chattanooga, Tennessee

May 18, 2004



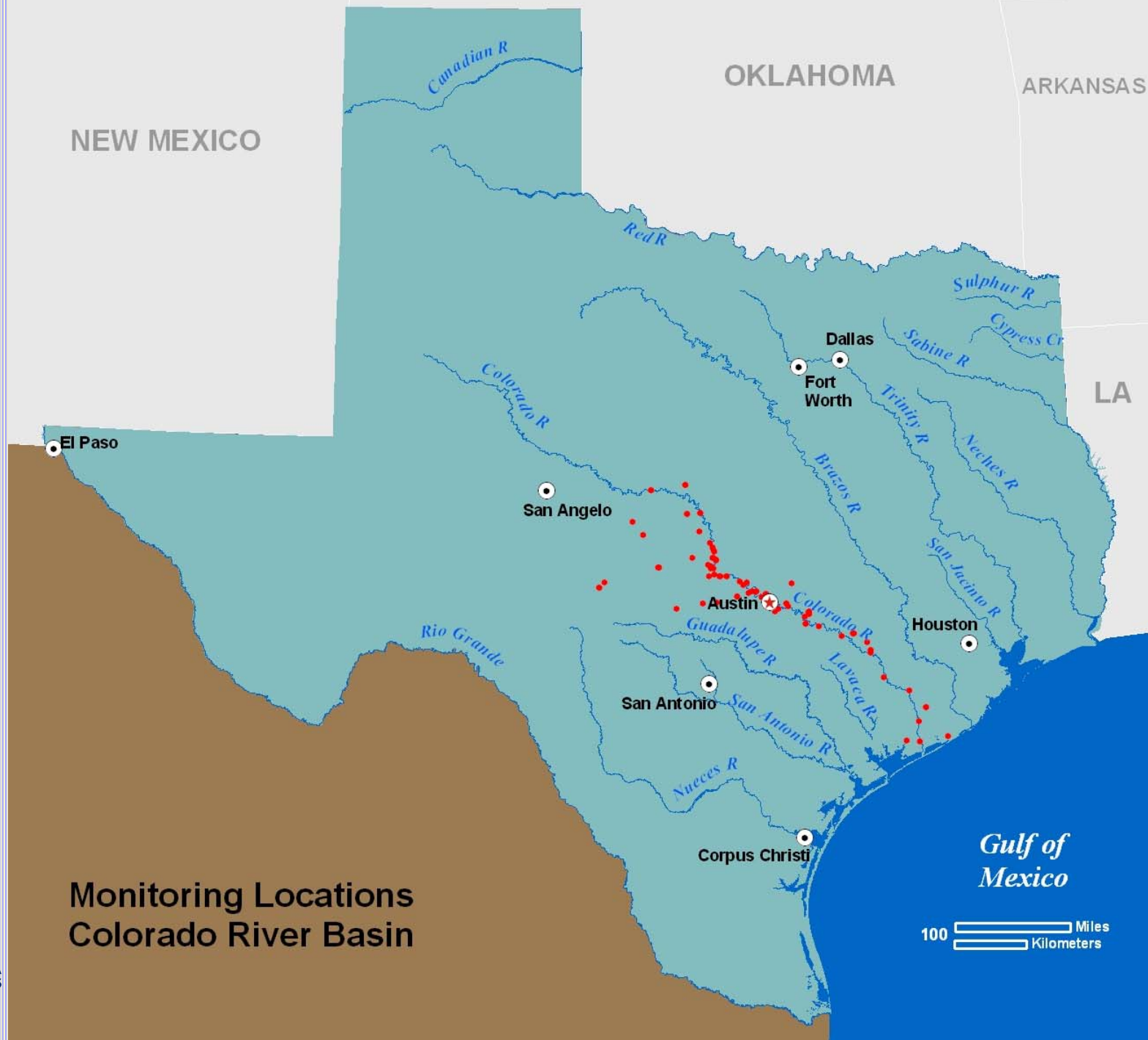


Colorado River Basin in Texas



CRP Partners in the Colorado River Basin

-  Lower Colorado River Authority
-  Upper Colorado River Authority
-  Colorado River Municipal Water District



Monitoring Locations Colorado River Basin

100 Miles
Kilometers



Monitoring Locations Colorado River Basin

*Gulf of
Mexico*

100  Miles
Kilometers



Monitoring Locations Colorado River Basin

100  Miles
 Kilometers

Goals of Coordination

- Ensure adequate geographic coverage
- Reduce redundant monitoring
- Coordinate special monitoring projects (TMDLs)

Evolution of Monitoring Coordination

- 1999 – Hard copy review
- 2000 – Overhead projector
- 2001 – Computer w/spreadsheet & projector
- 2002 – Investigate web page
- 2003 – Launch web page

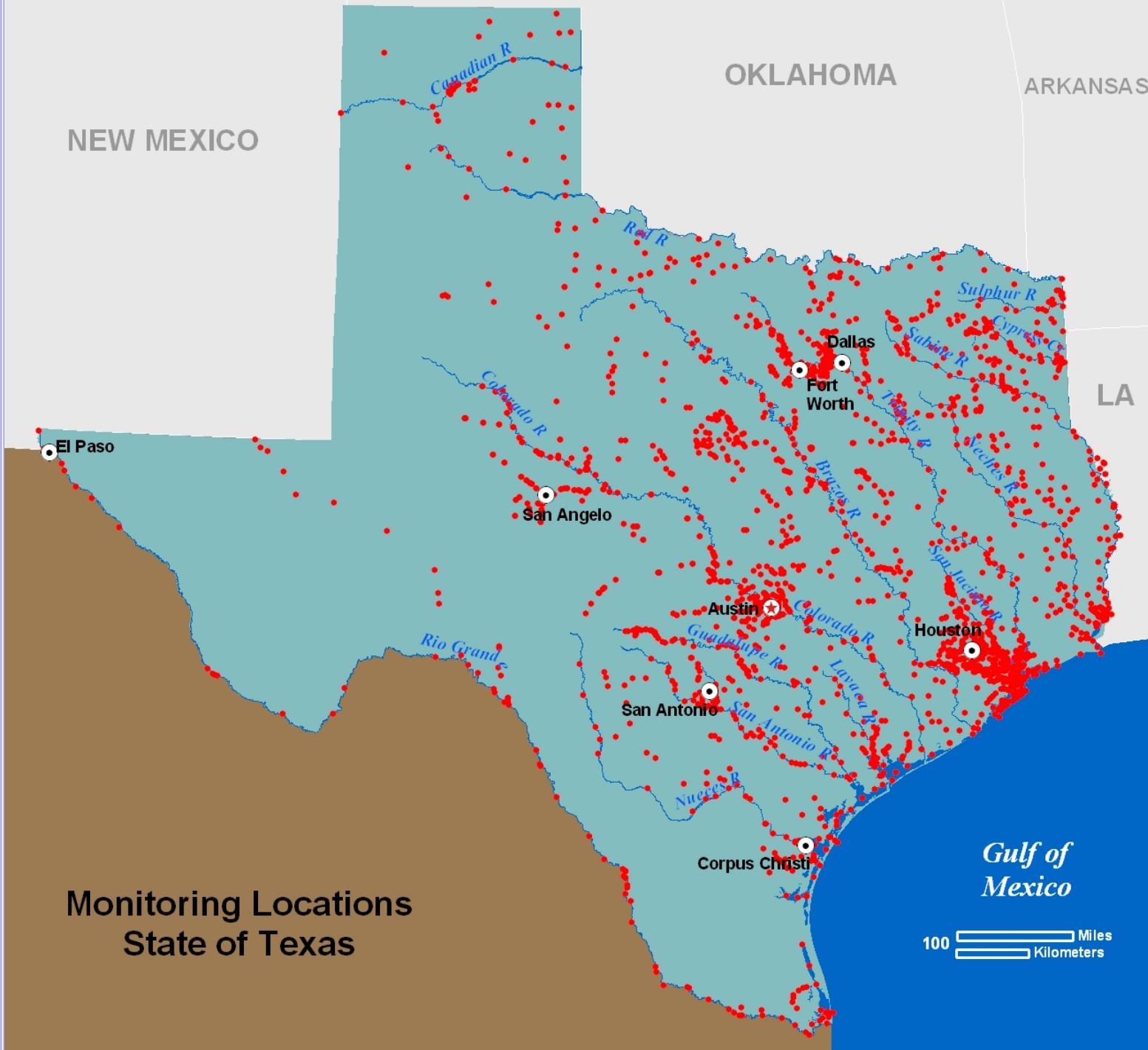
Coordinated Monitoring Schedule
Colorado River Basin

On	Site Description	Start Date	End Date	SC1/SC2	Prog. Code	TSWQ3 24hr Bacteria DO	AqHab	Benthic	Nekto	TSWQ Metals Water	Organic Water	Metals Sed	Organic Sed	Conv	Amb Tox Wat	Amb Tox Sed	Bacteria	Flu
14	Onion Creek at Fulman Ranch, near headwaters	9/1/00	8/31/01	LC/AU	RT				2					4			4	
15	Onion Creek at first FM 150 crossing	9/1/00	8/31/01	LC/AU	RT				2					4			4	
16	Onion Creek at Hays CR 150, 0.61 Km downstream of Flat Creek confluence	9/1/00	8/31/01	LC/AU	RT				2					4			4	
17	Onion Creek near South Austin Regional WWTP	9/1/00	8/31/01	LC/AU	RT				2					4			4	
18	Onion Creek at Twin Creek Road 200 meters upstream of Bear Creek confluence	9/1/00	8/31/01	LC/AU	RT				2					4			4	
19	Onion Creek at IH 35	9/1/00	8/31/01	LC/AU	RT				2					4			4	
20	Onion Creek at Old Lockhart Highway E of IH 35	9/1/00	8/31/01	LC/AU	RT				2					4			4	
21	Onion Creek at Lower Falls in McKinney Falls State Park 125 meters ds of Will	9/1/00	8/31/01	LC/AU	RT				2					4			4	
22	Onion Creek 50 meters upstream of Colorado River	9/1/00	8/31/01	LC/AU	RT				2					4			4	
23	South Boggy at W. Dittmar Road	9/1/00	8/31/01	LC/AU	IS				2					2			2	
24	South Boggy at Loganberry Drive	9/1/00	8/31/01	LC/AU	IS				2					2			2	
25	South Boggy Creek at Bluff Springs (BO1)	9/1/00	8/31/01	LC/AU	IS				2					2			2	
26	Richard Creek at Bradshaw	9/1/00	8/31/01	LC/AU	RT				2					1			1	
27	Carson Creek at Hoecke Lane	9/1/00	8/31/01	LC/AU	IS				2					2			2	
28	Carson Creek at US183	9/1/00	8/31/01	LC/AU	IS				2					2			2	
29	Carson Creek at Shady Springs	9/1/00	8/31/01	LC/AU	IS				2					2			2	
30	Colorado River below Longhorn Dam in Austin, at Pleasant Valley Road	9/1/00	8/31/01	LC/LC	RT				2					6			6	
31	Colorado River on US 183 SE of Austin	9/1/00	8/31/01	LC/LC	RT				2					6			6	
32	Colorado River at FM 973 at Del Valle	9/1/00	8/31/01	LC/LC	RT				2					6			6	
33	Onion Creek at US 183 SE of Austin	9/1/00	8/31/01	LC/LC	RT				2					6			6	
34	Onion Creek at US 183 SE of Austin	9/1/00	8/31/01	LC/LC	DI		2							6			6	
35	Gilleland Creek at FM 989 S of Manor	9/1/00	8/31/01	LC/LC	RT				2					6			6	
36	Colorado River at County Park in Webberville	9/1/00	8/31/01	LC/LC	RT			1	2	2				6			6	
37	Colorado River at Loop 150, S of Bastrop	9/1/00	8/31/01	LC/LC	RT				2					6			6	
38	Cedar Creek approx 200 ft. downstream of FM 304	9/1/00	8/31/01	LC/LC	RT				2					6			6	
39	Lake Bastrop near discharge canal	9/1/00	8/31/01	LC/LC	RT				2					6			6	
40	Lake Bastrop off Triangle Point	9/1/00	8/31/01	LC/LC	RT				2					6			6	
41	Lake Bastrop near the intake	9/1/00	8/31/01	LC/LC	RT				2					6			6	
42	Colorado River below SH 95 at Olive Road in Smithville	9/1/00	8/31/01	LC/LC	RT			1	2	2				6			6	
43	Colorado River at SH 71 at La Grange	9/1/00	8/31/01	LC/LC	RT				2					6			6	
44	Buckners Creek approx. 200 ft upstream of Fayette CR 154	9/1/00	8/31/01	LC/LC	RT				2					4			4	
45	Fayette Reservoir at intake	9/1/00	8/31/01	LC/LC	RT				2					6			6	
46	Fayette Reservoir at midpoint	9/1/00	8/31/01	LC/LC	RT				2					6			6	
47	Fayette Reservoir at discharge	9/1/00	8/31/01	LC/LC	RT				2					6			6	
48	Cummins Creek at FM 109 N of Columbus	9/1/00	8/31/01	LC/LC	RT			1	2	2				6			6	
49	Cummins Creek at Frelsburg/Vennghaus George Rd.	9/1/00	8/31/01	LC/LC	RT				2					2			2	
50	Colorado River at Bus. 71, Columbus	9/1/00	8/31/01	LC/LC	RT			1	2	2				6			6	
51	Colorado River at FM 950 at Garwood	9/1/00	8/31/01	LC/LC	RT				2					6			6	
52	Colorado River at Bus. 59, Wharton	9/1/00	8/31/01	LC/LC	RT				2					6			6	
53	Colorado River at SH 35 bridge at Bay City	9/1/00	8/31/01	LC/LC	RT				2					6			6	
54	Colorado River tidal at Selkirk Island, 2 miles downstream from FM 521 SW of	9/1/00	8/31/01	LC/LC	RT				2					6			6	
55	Tres Palacios River tidal at FM 521 E of Palacios	9/1/00	8/31/01	LC/LC	RT			2						6			6	
56	Caney Creek tidal at Chambliss Road	9/1/00	8/31/01	LC/LC	RT				4					6			6	
57	Onion Creek at Hays CR 150, 0.61 Km downstream of Flat Creek confluence	9/1/00	8/31/01	WC/FO	RT				4					4			4	
58	Onion Creek 0.7 mile N of Buda next to MoPac RR tracks	9/1/00	8/31/01	WC/FO	RT				4					4			4	
59	Onion Creek at low water crossing upstream of FM 973	9/1/00	8/31/01	WC/FO	RT				4					4			4	
60	Buckners Creek at CR 183	9/1/00	8/31/01	WC/FO	RT				4					4			4	
61	Skull Creek south of Altair at Colorado CR 18	9/1/00	8/31/01	WC/FO	RT				4					4			4	
62	Tres Palacios River tidal at FM 521 E of Palacios	9/1/00	8/31/01	WC/FO	RT				4					4			4	
63	Tres Palacios at FM 456 E of Midfield	9/1/00	8/31/01	WC/FO	RT				4					4			4	
64	Linville Bayou at FM 324 Hasema Road	9/1/00	8/31/01	WC/FO	RT				4					4			4	
65	Caney Creek at SH 35, 3.75 Km NE of Van Vleck	9/1/00	8/31/01	WC/FO	RT			2		2				4			4	
66	Caney Creek at FM 1301	9/1/00	8/31/01	WC/FO	RT				1					4			4	
67	Matagorda Bay at Matagorda Ship CM 21 at ICVVV	9/1/00	8/31/01	WC/FO	RT				1			1		4			4	
68	Matagorda Bay at Palacios CM 16	9/1/00	8/31/01	WC/FO	RT				1			1		4			4	
69	Matagorda Bay East arm about 6 mi. SE of Matagorda	9/1/00	8/31/01	WC/FO	RT				1			1		4			4	

8 TNRCC convey quarterly Oct, Jan, Apr, July - field conv fecal

TNRCC is not a

Visit <http://cms.lcra.org> to view the
Clean Rivers Program interactive
database containing more than 1,800 sites
monitored by 59 agencies in Texas.



Monitoring Locations
State of Texas

100 Miles
Kilometers

Successes

- Ensure adequate geographic coverage
- Reduce redundant monitoring
- Coordinate special monitoring projects (TMDLs)
- Share sites when necessary
- Help agencies with fiscal planning
- Help State plan for assessment needs
- Offers the public easy access to monitoring information

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